



INTERNATIONAL ATOMIC ENERGY AGENCY
AGENCE INTERNATIONALE DE L'ENERGIE ATOMIQUE
МЕЖДУНАРОДНОЕ АГЕНТСТВО ПО АТОМНОЙ ЭНЕРГИИ
ORGANISMO INTERNACIONAL DE ENERGIA ATOMICA
WAGRAMERSTRASSE 5, P.O. BOX 100, A-1400 VIENNA, AUSTRIA

PRIORITY

227 IMS 22.04.92

ROYAL VIKING POST

HANS NISSENSUEJ
DK-2770 KASTRUP



PP

DANMARK

FLUGPOST - AIR MAIL - PAR AVION

Dr. C.J. Whitten
Research Leader
ARS, USDA, c/o Mexican-American
Screwworm Eradication Commission
Tuxtla Gutierrez, Chiapas
MEXICO

544





JOINT FAO/IAEA DIVISION
OF NUCLEAR TECHNIQUES IN FOOD AND AGRICULTURE



INTERNATIONAL ATOMIC ENERGY AGENCY
FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

WAGRAMERSTRASSE 5, P.O. BOX 100, A-1400 VIENNA, AUSTRIA
TELEX: 1-12645, CABLE: INATOM VIENNA, FACSIMILE: +43 1 234564, TELEPHONE: +43 1 2360

IN REPLY PLEASE REFER TO:

314-D4.01

DIAL DIRECTLY TO EXTENSION:

1628

1992-04-22

Dear Jim,

As you know, Jan Chirico transferred from Tripoli to work out of Seiberdorf and Vienna. With your permission we would like to send Jan to visit with your scientists in Costa Rica from 11 - 18 May 1992 and then visit your team plus APHIS and Mexican colleagues in Tuxtla Gutierrez from 18 - 21 May. He would depart on 21 May for several days of talks with interested parties in Nicaragua. We hope that while in Tuxtla that Jan would be able to participate in the Research and Methods Development Meeting.

Jan's itinerary would be as follows:

- 11 - 18 May: visit San José and Canas
- 18 - 21 May: visit Tuxtla Gutierrez
- 21 - 27 May: visit Managua, Nicaragua

Previously, we had tentatively discussed the visit to Costa Rica and Mexico with Dr. Ralph Bram.

Please let us know if you have concerns, or if you would want Jan to make a presentation. Your approval of this proposed visit would be deeply appreciated.

Because of the shortness of time, we are writing to Drs. Parker and Matlock to inform them that subject to your approval, Jan may visit them.

With kind personal regards.

Yours sincerely,

Waldemar Klassen

Waldemar Klassen

Head

Insect and Pest Control Section

Dr. C.J. Whitten
Research Leader
ARS, USDA, c/o Mexican-American
Screwworm Eradiation Commission
Tuxtla Gutierrez, Chiapas
MEXICO

U. S. Department of Agriculture
Agricultural Research Service
National Program Staff

FACSIMILE TRANSMISSION

Facsimile Number: FTS: 964-5467
COM: (301) 504-5467

FROM: Ralph A. Bram
National Program Leader
Medical & Veterinary Entomology
and Parasitology
BARC-West, Bldg. 005, Rm. 211
Beltsville, Maryland 20705
Phone: FTS: 964-5771
COM: (301) 504-5771

TO: C. J. Whitten

G. D. Thomas

cc: F. P. Horn

T. J. Army

COMMENTS/INSTRUCTIONS:

Please see attached memo regarding SW meetings in
May to be held in Costa Rica and Mexico.

NUMBER OF PAGES (including cover page): 5

DATE: March 4, 1992



United States
Department of
Agriculture

Agricultural
Research
Service

National
Program
Staff

Beltsville, Maryland
20705

March 4, 1992

SUBJECT: Screwworm Research Planning Meetings

TO: C. J. Whitten, RL
Screwworm Research
Tuxtla Gutierrez, Mexico

G. D. Thomas, RL
Midwest Livestock Insects Laboratory
Lincoln, NE

FROM: R. A. Bram, NPL *R. A. Bram*
Medical & Veterinary Entomology and Parasitology

In accordance with our discussions, enclosed please find agendas for the informal follow-up workshop on screwworm ecology in the tropics and the broad overview of the ARS screwworm research program. Please ask scientists in your respective management units to prepare appropriate presentations. There is a good possibility that a scientist from the FAO-IAEA Joint Division will attend these meetings with the anticipation of co-locating with our laboratory in Costa Rica.

Jim Whitten has kindly assumed responsibility for local arrangements in Tuxtla Gutierrez, San Jose, Canas, and Mexico City. He will make the following hotel reservations:

Hotel Bristol, Mexico City, Distrito Federale
011-52-915-208-1717 or 533-6060

Hotel Coribici, San Jose, Costa Rica
011-98-506-32-8122; FAX 011-98-506-31-5834

Hacienda La Pacifica, Canas, Costa Rica
011-98-506-69-0050 or 69-0555

Hotel Arecas, Tuxtla Gutierrez, Chiapas, Mexico
011-52-961-32466 or 32467

FASTO information for Costa Rica is as follows:

1. Ministry of Agriculture (MAG)
2. Robert B. Matlock, Research Entomologist, ARS
011-98-506-79-9851
3. Hotel Coribici in San Jose and Hacienda La Pacifica in Canas
4. David Young, Agricultural Attache
011-98-506-20-3939

SCREWWORM ECOLOGY IN THE TROPICS An Informal Follow-up Workshop

May 15-16, 1992
Cañas, Costa Rica

AGENDA

May 15 - am	Travel from San José to Cañas	
May 15 - pm	Opening Statements	F. Horn R. Bram J. Whitten
	Current Status of Screwworm Ecology and Population Dynamics Including Palenology and ELISA Studies	F. Parker J. Whitten
	Current Status of Screwworm Attraction in the Field	D. Friese J. Welch
	Current Status of Screwworm Modeling - Application - Development	J. Whitten R. Matlock
	Applications of Remote Sensing to the Understanding of Screwworm Population Dynamics	J. Welch
	Integration of Ecology, Attraction, Remote Sensing, and Modeling	Group
	Dinner in Cañas	All J. Whitten E. Gersabeck
May 16 - am	Program Needs in Ecology, Remote Sensing, and Modeling	
	Areas of Cooperation and Interaction	Group
	Resources and Priorities	Group
	Future Inter- and Intra-laboratory Cooperation	Group
	Summary	R. Bram
May 16 - pm	Travel from Cañas to San José	

Review of ARS Screwworm Research Program
May 19, 1992
Tuxtla Gutierrez, Mexico

AGENDA

9:00 am	Call to Order	R. Bram
	Opening Remarks	F. Horn
9:30 am	Programs at the Midwest Livestock Insects Laboratory	G. Thomas
	Screwworm Genetics and the Australian Experience	D. Taylor
11:00 am	Progress at Screwworm Research Laboratory, Tuxtla Gutierrez and Satellite Locations	J. Whitten
12:00 Noon	Lunch	
1:30 pm	Summary of Screwworm Ecology Meeting - Field Attraction - Modeling - Ecology - Remote Sensing	D. Friese R. Matlock F. Parker J. Welch
3:00 pm	Future Plans and Cooperative Arrangements Including Future Research Facilities	Group
4:00 pm	Summary	R. Bram

C. J. Whitten and G. D. Thomas

2

FASTO information for Mexico is as follows:

1. Mexico-American Screwworm Eradication Commission
2. C. J. Whitten, Research Leader, ARS
011-52-961-3-35-50
3. Hotel Bristol in Mexico City and Hotel Arecas in Tuxtla Gutierrez
4. R. L. Barnes, Agricultural Minister-Counselor
011-52-5-211-0042

2. Enclosures

cc:

R. R. Oltjen

F. P. Horn

T. J. Army

SCREWWORM ECOLOGY IN THE TROPICS
An Informal Follow-up Workshop

DRAFT

May 15-16, 1992
Cañas, Costa Rica

AGENDA

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DRAFT

Review of ARS Screwworm Research Program
May 19, 1992
Tuxtla Gutierrez, Mexico

DRAFT

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DRAFT

U. S. Department of Agriculture
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FROM: Ralph A. Bram
National Program Leader
Medical & Veterinary Entomology
and Parasitology
BARC-West, Bldg. 005, Rm. 211
Beltsville, Maryland 20705
Phone: FTS: 964-5771
COM: (301) 504-5771

TO: C. J. Whitten, Tuxtla, Gutierrez, Mexico
G. D. Thomas, Lincoln, NE

cc:
R. R. Oltjen
F. P. Horn
T. J. Army
E. Gersabeck, APHIS-IS

COMMENTS/INSTRUCTIONS:

Please see attached memo re screwworm meetings in May 1992.

NUMBER OF PAGES (including cover page): 2

DATE: December 16, 1991

U. S. Department of Agriculture
Agricultural Research Service
National Program Staff

FACSIMILE TRANSMISSION

Facsimile Number: FTS: 964-5467
COM: (301) 504-5467

FROM: Ralph A. Bram
National Program Leader
Medical & Veterinary Entomology
and Parasitology
BARC-West, Bldg. 005, Rm. 211
Beltsville, Maryland 20705
Phone: FTS: 964-5771
COM: (301) 504-5771

TO:

Jim Whitten

COMMENTS/INSTRUCTIONS:

*Please let me
have your comments!*

NUMBER OF PAGES (including cover page):

3

DATE:

Feb 13, 1992

SCREWWORM ECOLOGY IN THE TROPICS
An Informal Follow-up Workshop

May 15-16, 1992
Cañas, Costa Rica

DRAFT

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DRAFT

Review of ARS Screwworm Research Program
May 19, 1992
Tuxtla Gutierrez, Mexico

DRAFT

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DRAFT

U. S. Department of Agriculture
Agricultural Research Service
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FROM: Ralph A. Bram
National Program Leader
Medical & Veterinary Entomology
and Parasitology
BARC-West, Bldg. 005, Rm. 211
Beltsville, Maryland 20705
Phone: FTS: 964-5771
COM: (301) 504-5771

TO: J. H. Wyss
C. J. Whitten
G. D. Thomas

cc:
F. P. Horn
T. J. Army
D. S. Campbell
A. B. Thiermann
Richard L. Barnes
David B. Young

COMMENTS/INSTRUCTIONS:

Please see attached memo and agenda for May
meeting in Tuxtla.

NUMBER OF PAGES (including cover page): 4

DATE: March 9, 1992



United States
Department of
Agriculture

Agricultural
Research
Service

National
Program
Staff

Beltsville, Maryland
20705

March 9, 1992

SUBJECT: Annual Screwworm Research and Methods Development Planning Meeting

TO: J. H. Wyss, APHIS, Mexico City
C. J. Whitten, ARS, Tuxtla Gutierrez
G. D. Thomas, Lincoln, NE

FROM: R. A. Bram *R. A. Bram*
National Program Leader
Medical & Veterinary
Entomology and Parasitology

E. Gersabeck *E. Gersabeck*
Staff Officer
International Services
APHIS

Enclosed please find the tentative agenda for our annual Screwworm Research and Methods Development Planning meeting scheduled for May 20, in Tuxtla Gutierrez, Mexico. Please distribute this agenda to your appropriate staff members for comments and suggestions and make the necessary arrangements for their participation.

We look forward to a particularly informative meeting this year. Please provide suggestions for agenda modifications to either Dr. Bram or Dr. Gersabeck by May 1, 1992. Thank you.

Enclosure

cc:

R. R. Oltjen, ARS

F. P. Horn, ARS

T. J. Army, ARS

D. S. Campbell, APHIS

A. B. Thiermann, APHIS

Richard L. Barnes, American Embassy, Mexico City

David B. Young, American Embassy, San Jose

AGENDA

DEPARTMENT OF METHODS DEVELOPMENT AND THE
AGRICULTURAL RESEARCH SERVICE

SCREWWORM PRODUCTION FACILITY

CHIAPA DE CORZO, CHIAPAS MEXICO

May 20, 1992

09:00	Call to Order	Dr. Bram M.V.Z. Irastorza Dr. Wyss
09:10	Welcome	M.V.Z. Hernandez Dr. Hofmann
09:15	Current Status of the Eradication Program	Dr. Galvin M.V.Z. Javier S.
09:45	FAO Eradication Plans	Dr. Vargas
10:00	Introduction	I.B.Q. Courtois Dr. Ashley
10:25	Status of OW-87	Biol. Lopez M.V.Z. Hernandez Dr. Mackley
10:40	Strain Development and Maintenance	Dr. Whitten
10:55	Complete Larval Diet	Ing. Villalobos
11:19	Gelled Meridic Adult Diets	I.B.Q. Alvarez
11:25	Antibiotics in Larval Diet	I.B.Q. Jonapa Microb. Babilonia
11:40	Use of the ELISA Technique to Determine the Animal Food Hosts of Female Screwworms	Dr. Whitten
11:55	Use of the ELISA Technique to Determine the Field Effectiveness of Sterile Male Screwworms	Dr. Whitten
12:10	Potential Applications of remote sensing to screwworm eradication	Dr. Welch
12:25	Lunch	
13:10	Naked Pupation	Microb. Babilonia

- 2 -

13:25	Dosimetry	Ing. Cantu Microb. Babilonia
13:40	Refrigerated Pupa	Biol. Mictezuma Quim. Badillo
13:55	Status of Screwworm Genetics Research	Dr. Taylor
14:10	Screwworm Ecology and Attraction in the Tropics	Dr. Parker
14:25	Break	
14:40	Application of Models for Screwworm Population Dynamics	Dr. Whitten
14:55	Development and Refinement of a Life History Model for Screwworm Population Dynamics	Dr. Matlock
15:10	Future Plans of ARS	Dr. Whitten
15:25	Future Plans for Methods	I.B.Q. Courtois Dr. Ashley
15:40	Summary and Conclusions	Dr. Horn M.V.Z. Irastorza Dr. Wyss
16:00	Adjourn	Dr. Bram

4/23/92 CJW

Fyi

April 23, 1992.

*These are the reservations
made to date by Teie*

Reservations Hotel Bristol.
Mexico City, D.F.
May 17, 1992, Single Rooms

Dr. Ralph Bram
Dr. Floyd Horn
Dr. Frank Parker
Dr. Robert Matlock
Dr. David Taylor
Dr. John Welch
Dr. Gustave Thomas
Dr. Charles Onstad.

Encharge of reservations in Hotel Bristol:
Sr. Jaime de la Yaca.

Tel: 5-33-60-60 and 2-08-17-17

Reservations Hotel Arecas
Tuxtla Gutierrez, Chiapas, Mexico
From: May 18, 1992, to: May 23, 1992
Single Rooms

The same people mentioned above.

Encharge of reservations in Hotel Arecas:
Srita. Sandra Rivadeneyra.

Price \$ 141,000 + I.V.A. per room.

Tel. 3-24-67 Fax Number: 3-24-66

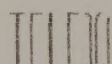
(Ma. Teresa)



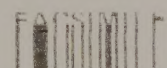
INTERNATIONAL ATOMIC ENERGY AGENCY
 WAGRAMERSTRASSE 5, P.O. BOX 100, A-1400 VIENNA (AUSTRIA)
 Telephone: +43 1 2360-0 (or Ext.) Telex 112645 ATOM A Facsimile: +43 1 23 45 64

MESSAGE No. 333Z-05-11 758939

PAGE 1 OF 1 Total pages



Admin. Office, OSDA-ARS
 Tuxtla Gutierrez, Mexico



FILE REF. 314 D4.06.02

Subject: Airline Schedule and Hotel Reservations for Lindquist and Chirico

Lindquist, Air Schedule:

		<u>dep</u>	<u>arrv</u>	
14 May	arrive SJO		0855	KLM 745
17 May	SJO to MEX	1155	1425	MX 908
18 May	MEX to TGZ	0920	1040	MX 211
20 May	TGZ to MEX	1610	1725	MX 210
20 May	MEX to CDG	1830		AF 35

Chirico, Air Schedule:

11 May	MAD to SJO		2105	IB 6531
17 May	SJO to MEX	1155	1425	MX 908
18 May	MEX to TGZ	0920	1040	MX 211
21 May	TGZ to MEX	1110	1225	MX 210
21 May	MEX to GUA	1330	1530	GU 911
21 May	GUA to MGA	1700	1910	GU 901
27 May	MGA to MIA	1030	1400	GU 961

Lindquist, Hotel Reservations:

San Jose: Hotel reservation for only the night of 16 May required
 Tuxtla Gutierrez: Nights of 18 and 19 May required

Chirico, Hotel Reservations:

Reservations as listed on FAX (1992-05-06) OK

Dave
cc: *Bette* 5/4/92

TRAVEL ARRANGEMENTS

Traveler: DAVE TAYLORDestination: San Jose, Costa Rica and Tuxtla, Guiterrez, MexicoDates of Planned Travel: May 12-22, 1992

Departure date	Leave (city)	Arrive (city)	Carrier	Flight #
5/12/92	Lincoln	Omaha	GOV	
5/12/92	Omaha	Dallas/Ft Worth	American AT	1233
	DFW	San Jose, CR	American AL	991
5/17/92	San Jose	Mexico City, MX	Mexicana AL	908
5/18/92	Mexico City	Tuxtla	Mexicana AL	211
5/22/92	Tuxtla	Mexico City	Mexicana AL	210
	Mexico City	Houston Intercon	Continental AL	1203
	Houston	Omaha	Continental AL	114
	Omaha	Lincoln	GOV	

Reservation Clerk: Lee GTR # A1243810Agency: Lincoln Tour & Travel/Internarional FARE: \$1428.00
Phone: 402-474-4566

Hotels: SAN JOSE: Hotel Coribici (phone 011-98-506-32-8122) MAY 13 & 16
CANAS, CR: Hacienda LaPacifica (phone 011-98-506-69-0050) MAY 14 & 15
 Address: MEXICO CITY: Hotel Bristol (phone 011-52-915-208-1717) MAY 17
TUXTLA: Hotel Arecas (phone 011-52-961-32466) MAY 18-21

Late arrival: ☒ Yes ☐ No

Phone: _____

Room rate: _____

Confirmation #: _____

COSTA
 PER DIEM RATE FOR CITY: RICA \$77 Room \$45 Meals & Incidentals
 MEXICO CITY \$99 \$42
 TUXTLA \$45 \$34
 ACCOUNTING CLASSIFICATION: 2015440300 (14)

Travel arrangements made: 3/11/92By: Betty

Post-It™ brand fax transmittal memo 7671		# of pages	1
To	C. J. Whitten		
Co.	USDA-ARS		
Dept.			
Fax #	011 52 961 30962		
From	Taylor		
Co.			
Phone #			
Fax #			

Frederic

CORABICI
HOTEL & SPA

FAX MESSAGE

DATE: 29/ ABRIL/ 1992

TO: MR. ROBERT MATLOCK

FAX NUMBER: 79-9851

FROM: EVELYN MONGE / EJECUTIVA DE VENTAS/ 31-8063

A CONTINUACION LE ENVIO LOS NUMEROS DE CONFIRMACION DE LAS RESERVACIONES HECHAS PARA EL PROGRAMA ARS (PROGRAMA GUSANO BARRENADOR):

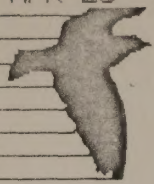
	IN	OUT	CONFIRMATION
C.J. WHITTEN	12/ MAY Y 16/MAY	15/MAY Y 17/MAY	56419 & 56429
JOHN B. WELCH	13/MAY Y 16/MAY	15/MAY Y 17/MAY	56418 & 56420
RALPH BRAM	IDEM	IDEM	IDEM 56417 & 56426
EDWARD GERSABEOL	"	"	" 56416 & 56426
FLOYD P. HORN	"	"	" 56415 & 56424
CHARLES A. GNSTAD	"	"	" 56414 & 56428
GUSTAV B. THOMAS	"	"	" 56413 & 56422
DAVID B. TAYLOR	"	"	" 56412 & 56421
DON LINQUIST	11/MAY	15/MAY	16/MAY 17/MAY 56411 & 56431
JOHN CHIRICO	IDEM	IEM	IDEM 56410 & 56430

ES MUY IMPORTANTE GARANTIZAR LA PRIMER NOCHE DEL GRUPO, POR FAVOR ENVIAR FAX O NUMERO DE TARJETA DE CREDITO PARA GARANTIZAR LAS RESERVACIONES.

CUALQUIER INFORMACION ADICIONAL O CAMBIOS EN LAS ANTERIORES RESERVACIONES NO DUDEN EN LLAMARME QUE CON MUCHO GUSTO LES ATENDERE.

ATENTAMENTE

Evelyn Monge



ALL SEASONS TRAVEL

3 RIVERWAY STE 1000

1045 21 APR 92

1 ITIN.

HOUSTON, TX 77056

The All Seasons Travel Group

1-713-622-8700

USDA SCREW WORM RESEARC
P O BOX 3149
RLZMBT LAREDO TX 78041
03

92
92

WHITTEN/CHANDLER J DR
USDA SCREW WORM RESEARC
P O BOX 3149
LAREDO TX 78041

AIRLINE	FL/CL	DATE	FROM	TO	LEAVE	ARRIVE	M
MEXICANA	214Y	11MAY MON	TUXT/GUTIERRE	MEXICO CITY	410P	525P	S
MEXICANA	111Y	12MAY TUE	MEXICO CITY	SAN JOSE, CR	703A	1103A	B 1 STOP
MEXICANA	908Y	17MAY SUN	SAN JOSE, CR	MEXICO CITY	1153A	350P	S 1 STOP
MEXICANA	211Y	18MAY MON	MEXICO CITY	TUXT/GUTIERRE	920A	1040A	B

OTHER

18JUL-THANK YOU

AIRPORT SEATING ONLY....THANK YOU
PLEASE CARRY PROOF OF CITIZENSHIP FOR ENTRY PURPOSES
THANK YOU FOR CALLING ALL SEASONS TRAVEL - LINDA
\$100,000.00 FLIGHT INSURANCE IS PROVIDED AT NO ADDITIONAL COST
WHEN CALLING OUR AFTER HOURS RESERVATION SERVICE
PLEASE PROVIDE THE AGENT WITH THE CODE - S K7L5

WHITTEN/CHANDLER J DR

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2014050070

SCREWWORM ECOLOGY IN THE TROPICS
An Informal Follow-up Workshop

May 15, 1992
Cañas, Costa Rica

AGENDA

Opening Statements	R. Bram J. Whitten
✓ Current Status of Screwworm Ecology and Population Dynamics	F. Parker
✓ Current Status of Screwworm Attraction in the field	D. Friesse
✓ PH involvement in oviposition & application to artificial wounds Fred	
Palenology and ELISA Studies	J. Welch
Applications of Remote Sensing to the Understanding of Screwworm Population Dynamics	J. Welch
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